



1966

Carmarthen Urban Sanitary Authority

Ninety-Fourth
ANNUAL REPORT

of the Sanitary Conditions of
the County of the Borough of
Carmarthen

by

ELFYN T. JONES
B.Sc., M.R.C.S., L.R.C.P., D.P.H.
Medical Officer of Health

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PREFACE

To the Mayor, Aldermen and Members of the Council of the
Borough of Carmarthen

In presenting my Annual Report for the year ended 31st December, 1966 it is pleasing to report that the health of the population remained at a satisfactory level.

Work continues to proceed on sewerage and water schemes—completion of these projects is now within the foreseeable future. Nevertheless there is still an urgency about both schemes and I am sure Members of the Council will continue to exercise great vigilance over the progress of the work.

Once more I must draw attention to the fact that the facilities under which cooked meats etc. are sold in the Market are totally inadequate, and priority must be given to this matter.

I wish to gratefully acknowledge the work carried out by my staff and to thank the Members of the Public Health Committee and the Council for the whole-hearted manner in which they have supported me. I also wish to thank my colleagues and their staff for their continued support and help.

I am,

Mr. Mayor, Aldermen and Councillors,

Your obedient Servant,

ELFYN T. JONES

Medical Officer of Health.

PUBLIC HEALTH COMMITTEE

Members :

The Worshipful the Mayor (Alderman Wynford Davies, J.P.); Aldermen T. H. G. Davies; C. W. Griffiths; D. J. Howells; S. Jeremy; T. Ll. Jones; Councillors T. Ll. Davies; G. B. Evans; R. B. Evans; T. H. King; I. Morris; E. Rees; D. J. Williams.

STAFF

Medical Officer of Health:

ELFYN T. JONES, B.Sc., M.R.C.S., L.R.C.P., D.P.H.

Official address and telephone number of Medical Officer of Health:

Public Health Department, 3, Spilman Street, Carmarthen.

Telephone Number: Carmarthen 5131

Clerk to the County of the Borough of Carmarthen:

W. JOHN OWEN, Esq.

Borough Engineer and Surveyor:

J. VIVIAN EVANS, A.M.I.Mun.E., M.R.S.H., A.M.I.H.E.

Borough Treasurer:

H. WILLIAMS, F.I.M.T.A.

Senior Public Health Inspector:

E. W. FRANCIS, M.A.P.H.I., C.R.S.H. (Meat Certificate).

Additional Public Health Inspector:

D. A. JONES, M.A.P.H.I., A.I.H.M. (Meat Certificate)—terminated duties 31/5/66.

D. P. SEAL, M.A.P.H.I., M.R.S.H., (Meat Certificate)—commenced duties 14/11/66.

Shops Inspector:

E. W. FRANCIS, Senior Public Health Inspector.

Slaughterhouse Manager:

JAMES C. LOW, M.R.S.H., M. Inst. M. (commenced duties 1/2/66)

Food and Drugs Inspector for the Area:

E. G. NICHOLLS, M.I.W.M.A.

Public Health Department Clerks:

G. GRIFFITHS. (Chief Clerk)

Miss. A. WILLIAMS (terminated duties 18/2/66)

C. B. JONES

Miss M. A. DAVIES (commenced duties 28/2/66).

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

The Carmarthen Urban District Authority comprises the Parish of St. Peter's and is 5,223 acres in extent. The area is essentially an urban one although the outskirts of the town still remain essentially rural in character.

Social Conditions

Carmarthen is a very old borough; it is the county town of Carmarthenshire and an important agricultural centre. With its modern cattle market and situated in an area designated as free from bovine tuberculosis it has become the main agricultural marketing centre for West Wales. Only attested cattle are sold in this market which is one of the foremost cattle markets in the country. The main marketing days are Monday, Wednesday and Thursday but frequently marts are also held on other days. On an adjoining site, but totally separate from the attested cattle market site, there is a store cattle mart and a mart for sheep, pigs and calves. In addition a produce market is held on two days a week, namely on a Wednesday and Saturday.

From its geographical situation, and particularly due to its predominant agricultural outlook, Carmarthen does not appear to attract industrial development. Any industrial development must of necessity be associated with agriculture, hence the large milk factory of the Unigate Creameries Limited established within the Borough boundary. I am indebted to the Manager of the Factory for the following information:—

'Milk supplies in the early part of the year were rather higher than in previous years, but fell away towards the end of the period and indeed just prior to Christmas, milk was in extremely short supply.

The number of personnel employed at the factory have remained constant both in regard to total numbers and split between male and female.

Owing to the shortage of milk, particularly in the latter part of 1966, manufacture of butter was very curtailed, but stocks built up during the summer enabled us to continue to pack our home produced brands. Chemical and Bacteriological quality compared favourably with previous years.

As in the past, this establishment has continued to supply liquid milk to the consuming centres in South Wales and for several months of the year, quite large quantities are sent by rail to London. The manufacture of cereal puddings which now represents a large section of our activities at Johnstown, continues to increase.'

The principal occupations of the town residents are associated with agriculture, shops, offices, garages and commercial firms. The railway was also a principal source of employment in the area prior to the re-organisation of the railway service under the 'Beeching' plan

Public Swimming Baths

There are no public swimming baths in the Borough

Population, Rateable Value, etc.

The estimated mid-year Home Population given by the Registrar-General for 1966 is 12,880.

The number of inhabited dwellings at the end of the year according to the Rate Book is 3,955.

The rateable value of the Borough is £580,960, and the sum represented by a penny rate is £2,285.

Comparison for the last five years

Year	1962	1963	1964	1965	1966
Population	12,910	12,900	12,820	12,830	12,880
Rateable Value ..	£219,813	£504,341	£548,008	£580,960	£580,960
Penny Rate ..	£883	£2,060	£2,175	£2,250	£2,285
Inhabited Houses ..	3,725	3,782	3,780	3,955	3,955

Vital Statistics

Live Births	Males	Females	Total
Legitimate ..	86	78	164
Illegitimate ..	1	3	4
Total	87	81	168

Birth rate per 1,000 estimated home population—13.04

Still-Births

Number	1	1	2
Rate per 1,000 total live and still-births			11.76
Rate per 1,000 estimated home population			0.15
Total Live and Still-Births	88	82	170

Infant Deaths (deaths under 1 year)	—	1	1
--	---	---	---

Cause of Infant Death:—Prematurity

Age at which infant death occurred:—Under 1 day

Infant Mortality Rates

Total infant deaths per 1,000 live births	5.95
Legitimate infants per 1,000 legitimate live births ..	6.10
Illegitimate infants per 1,000 illegitimate live births ..	0.00

Maternal Deaths

Number of Deaths	..	..	..	..	..	—
		Males		Females		
Deaths (All Ages)	..	107		118		225
Death rate per 1,000 estimated home population	..					17.47

Vital Statistics and Comparison for the last Five Years:—

Year	Estimated Mid-Year Home Population	Live Births		Deaths (all causes)		Stillbirths		Maternal Deaths		Infant Deaths (under 1 year)	
		No.	Rate per 1,000 population	No.	Rate per 1,000 population	No.	Rate per 1,000 Live and Stillbirths	No.	Rate per 1,000 Total Births	No.	Rate per 1,000 Live Births
1966	12,880	168	*13.04	225	*17.47	2	11.76	—	0.00	1	5.95
1965	12,830	168	13.09	228	17.77	4	23.26	—	0.00	2	11.90
1964	12,820	182	14.20	241	18.80	—	00.00	—	0.00	3	16.48
1963	12,900	167	12.95	220	17.05	5	28.49	—	0.00	5	29.94
1962	12,910	172	13.32	211	16.34	5	28.25	—	0.00	1	5.81
England and Wales—1966	—	—	17.7 (a)	—	11.7 (a)	—	15.4 (a)	—	Not available	—	19.0 (a)

* Adjusted: Live birth-rate (comparability factor 1.03) = 13.43 per 1,000.
 Death rate (comparability factor 0.65) = 11.36 per 1,000.

(a) Provisional rates.

CLASSIFICATION OF CAUSES OF DEATH ACCORDING TO DISEASE DURING 1966

[illegible]

Cause of Death	Sex	Total all ages	Under 4 wks.	4 wks & under 1 yr.	AGE IN YEARS									
					1-	5-	15-	25-	35-	45-	55-	65-	75+	
Bronchitis	M	1	—	—	—	—	—	—	—	—	—	—	1	—
	F	3	—	—	—	—	—	—	1	1	1	2	—	—
Other diseases of Respiratory System	M	3	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	1	—	—	—	—	—	—
Gastritis, Enteritis and Diarrhoea	F	1	—	—	—	—	—	—	—	—	—	—	—	1
Hyperplasia of Prostate	M	1	—	—	—	—	—	—	—	—	—	—	—	1
Other Defined and Ill-defined diseases	M	4	—	—	—	—	—	—	—	—	2	1	1	1
	F	14	1	—	—	—	—	—	—	—	1	3	4	5
Motor vehicle Accidents	M	4	—	—	—	—	1	—	1	—	2	—	—	—
	F	1	—	—	—	—	1	—	—	—	—	—	—	—
All Other Accidents	M	3	—	—	—	—	—	—	1	1	1	—	—	1
	F	4	—	—	—	—	—	—	—	—	—	—	—	4
TOTAL ALL CAUSES	M	107	—	—	—	1	1	—	3	9	20	36	37	62
	F	118	1	—	—	—	1	—	2	7	13	32	32	62

Cancer

The number of deaths from cancer in recent years:—

	1962	1963	1964	1965	1966
Malignant neoplasm, stomach	5	7	3	5	3
Malignant neoplasm— lung, bronchus	7	6	4	7	3
Malignant neoplasm, breast	2	2	2	4	1
Malignant neoplasm, uterus ..	1	—	2	2	3
Other malignant and lymphatic neoplasms	12	18	18	13	18
Totals	27	33	29	31	28

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Laboratory Facilities

As in former years the Public Health Laboratory, situated at the West Wales General Hospital, Glangwili, Carmarthen, and which is under the direction of Dr. H. D. S. Morgan, again proved of inestimable value to the health services of the area.

Ambulance Facilities:

This service is under the control of the County Council, and the Station in the Borough of Carmarthen is one of the links in the County Scheme which serves the whole County.

Hospital Accommodation:

Infectious Diseases:

The Infectious Diseases Hospital is situated at Upper Tumble, near Llanelli, and is under the control of the Regional Hospital Board.

General Hospital Facilities

Hospital facilities are available at Priory Street and at Glangwili and both hospitals are known as the West Wales General Hospital. The hospital provides treatment for general medical and surgical diseases for the whole of the West Wales area.

Home Nursing

This service is undertaken by four whole-time district nurses employed in Carmarthen Combined area which covers the Borough and part of the Rural area.

The Care of Unmarried Mothers and their Children

Arrangements are made for unmarried mothers to be admitted to one of the following hostels:—Northlands, Cardiff; Cwmdonkin Shelter, Swansea; The Llandaff Diocesan Moral Welfare Committee Hostel, Penarth or the St. Martin's Home, Hereford.

These arrangements are made by the County Council and also the St. David's Diocesan Moral Welfare Committee.

Venereal Diseases

The Regional Hospital Board is responsible for the treatment of Venereal Diseases. Clinics, where free treatment may be obtained under conditions of secrecy and confidence, are held at the West Wales General Hospital, Glangwili, Carmarthen.

These clinics are held as follows:—

Males	First Friday of month—2 p.m.—4 p.m.
	Third Friday of month—4.30 p.m.—6 p.m.
Females	First Friday of month—4.30 p.m.—6 p.m.
	Third Friday of month—2 p.m.—4 p.m.

WATER SUPPLY

The Public Health Department again took numerous samples for bacteriological analyses, these were in addition to the sampling programme undertaken by the Engineer and Surveyor's Department.

As in former years, adequate, and at times heavy, chlorination of the water supply was necessary in order to guarantee it safe for consumption.

The following table summarises the samples of water taken by my Department during the year:—

Source	No. of Samples	No. Satisfactory	No. Unsatisfactory
Johnstown Area (St. Clears Road and Llanstephan Road)	80	79	1
Hospital	80	80	—
Henallt	78	78	—
High Level Supply (Limegrove Avenue and Trevaughan)	82	82	—
John Street	82	81	1
Tanerdy	82	82	—
Totals	484	482	2

The Borough Engineer and Surveyor reports as follows:—

Water Supply

(a) Supplies have, in general, been satisfactory in quality and quantity.

(b) Discolouration of supplies has periodically occurred in some areas of the town due to the corrosive state of some of the distribution mains. Approximately 3,750 yards of 3", 4" and 6" diameter main have recently been descaled and relined with bitumen and the Council intend to recondition the remainder of affected mains during the current financial year.

(c)	Number of houses supplied (estimated)	. . . . .	4,000
	Population supplied direct (estimated)	. . . . .	12,800
	Population supplied by standpipes (estimated)	. . . . .	200

(d) Schemes in progress

(i) Combined Watermain Extension Scheme—Travellers Rest and Pentrehydd areas—should be completed by the end of the summer.

(ii) Carmarthen Water Scheme (Penlanffos Reservoir nearing completion).

(iii) Towy Water Scheme—progress rather disappointing.

Drainage and Sewerage

The Johnstown Sewerage and Sewage Disposal Scheme is approaching completion and is due to come into operation in the coming Spring. This should result in an improvement in the River Towy. Plans are under consideration for linking the already completed Bronwydd Scheme to the new works and the question of full treatment is being investigated.

Housing

The construction of 98 dwellings is proceeding at Wauniago and these will begin to come into occupation in the coming summer and onwards.

A further scheme at Jobs Well Lane is being planned and these may be of an industrialised type.

Improvement Grants

Standard Grant Application and Approvals	..	2
Discretionary Grant Application and Approvals	..	17

INFECTIOUS DISEASES

The following cases of infectious diseases were notified during the year:—

	Males	Females	Total
Measles	40	36	76
Scarlet Fever	2	—	2
Dysentery	2	2	4
Food Poisoning	—	1	1
Respiratory Tuberculosis ..	3	2	5

The 76 Measles cases referred to above included 75 children under ten years of age.

One female child aged 2 years was notified as a case of Salmonella Typhimurium (Food Poisoning). This was an isolated case and the source of origin was not discovered.

IMMUNISATION

The following statistics have been received from the County Medical Officer of Health (the County Council being the Local Health Authority) relative to children in the Borough immunised during the year:—

	Primary Immunisation		Boosters
	Children under 5 years	Children 5—14 years	
Triple Antigen	138	3	41
Diphtheria only	—	—	1
Diphtheria/Tetanus	8	2	30
Tetanus only	1	1	1

VACCINATION

Statistics relating to vaccination during the year against Poliomyelitis and Smallpox, for the County as a whole, given by the County Medical Officer of Health, are as follows:—

(i) Smallpox:

Age at date of Vaccination	Number Vaccinated	Number Revaccinated
Under 1 year	101	—
1 year	621	—
2—4 years	212	16
5—14 years	30	101
15 years or over	15	77

(ii) **Poliomyelitis :**

Age Groups	Number of persons who have received:—			
	3 doses of Oral Vaccine			
Children born 1966				215
Children born 1965				1026
Children born 1964				279
Children born 1963				81
Children born 1959-1962				282
Others under 16 years				54

Number of persons given reinforcing dose
of oral vaccine 120

SCHOOLS

The Local Education Authority is the County Council.

There are six Primary Schools (nine Departments) and three Secondary Schools within the Borough.

Schools closed on account of Infectious Diseases

No Schools were closed on account of Infectious Diseases during the year.

TUBERCULOSIS REGISTER—NOTIFICATIONS AND WITHDRAWALS

	Respiratory		Non-Respiratory		Totals	
	M	F	M	F	M	F
Number of cases on Register, 1/1/66	51	34	4	9	55	43
Number of cases notified for the first time during the year	3	2	—	—	3	2
Number of transfers from other areas during the year ..	—	—	—	—	—	—
Number of cases removed from the Register during the year	6	3	—	—	6	3
Number of cases remaining on the Register as at 31/12/66	48	33	4	9	52	42

NEW CASES OF, AND MORTALITY FROM TUBERCULOSIS, 1966

Age Period in years	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
25—34 ..	1	1	—	—	—	—	—	—
35—44 ..	—	—	—	—	—	—	—	—
45—54 ..	—	—	—	—	—	1	—	—
55—64 ..	1	—	—	—	—	—	—	—
65—74 ..	1	—	—	—	1	—	—	—
75 and over	—	1	—	—	—	—	—	—
Totals ..	3	2	—	—	1	1	—	—

There were five new cases of Respiratory Tuberculosis notified during the year, three of these being between the ages of 55 and 76 years. It would appear that Respiratory Tuberculosis, though still on the decline, generally appears to be more prevalent in the later age groups whereas formerly it was a disease of the young adult. Unfortunately there were two deaths from the disease, one aged 48 years and the other aged 69 years.

The Mobile Unit of the Mass Radiography Service made forty-seven visits to the town, and examined 2,024 persons of whom 1,617 were volunteers from the general population.

The Unit visits the town on Tuesdays, and is situated outside the Malt House in John Street. It is available to the general public between the hours of 10 a.m. and 12.30 p.m. and 2 p.m. to 5.30 p.m.

Special surveys at Trinity College and at St. David's Hospital were carried out by the Unit.

TUBERCULOSIS—INCIDENCE AND DEATH RATES FOR LAST TWENTY YEARS 1947-1966

Year	INCIDENCE			DEATHS		
	Case Rate per 1,000 Population			Death Rate per 1,000 Population		
	Resp.	Non-Resp.	Total	Resp.	Non-Resp.	Total
1947	1.66	.29	1.95	.68	.09	.77
1948	1.04	.08	1.12	.32	—	.32
1949	1.67	.23	1.90	.79	—	.79
1950	1.89	.31	2.20	.39	.07	.46
1951	1.41	.33	1.74	.16	.16	.32
1952	2.01	.25	2.26	.25	.08	.33
1953	2.17	.08	2.25	.17	.08	.25
1954	.84	.34	1.18	.34	.08	.42
1955	1.94	.34	2.28	.34	—	.34
1956	1.35	.08	1.43	.25	—	.25
1957	1.69	.17	1.86	.17	—	.17
1958	.84	.08	.92	.08	—	.08
1959	.75	.17	.92	—	.25	.25
1960	.83	.08	.91	.08	—	.08
1961	.63	.16	.79	.08	—	.08
1962	.62	.08	.70	.08	—	.08
1963	.47	.08	.55	—	—	—
1964	.16	—	.16	.16	—	.16
1965	.08	.08	.16	—	—	—
1966	.39	—	.39	.15	—	.15
Average for the twenty years	1.12	.16	1.28	.22	.04	.26
Average for the first 5 year period 1947-1951	1.53	.25	1.78	.47	.06	.53
Average for the last 5 year period 1962-1966	.34	.05	.39	.08	—	.08

NATIONAL ASSISTANCE ACTS, 1948 and 1951

Section 47 of the 1948 Act

Removal to suitable premises of persons in need of care and attention.

It is pleasing to report that no case called for action to be taken by the Council during the year.

Under this Act, one aged person, who was removed under an Order in 1953, is still being detained in an Institution, and an application is made, every three months, to a Court of Summary Jurisdiction for an extension of the Order, as the person in question is not able to care for herself and neither has she any accommodation to return to.

Caravan Sites:

At the outset there were seven registered sites in the Borough, but during the year one of these was closed down by the owner. Of the remaining six, three were brought up to the required standard, two site owners were given a period within which to close their sites and the other owner was informed that his licence would not be renewed when he would be submitting an application for renewal in 1967.

Great difficulty is experienced in controlling caravan sites, particularly when licences are granted with a proviso that certain specific facilities have to be provided. It seems to me that no licence should permit a site to be operated until it fully complies with the byelaws and conditions laid down by the Council.

The Offices, Shops and Railway Premises Act, 1963:

Inspections under the above Act have proceeded. However progress is slow, resulting from the lack of adequate staff to administer the provisions of this Act. A more rapid rate of progress in carrying out the inspections will depend upon the number of staff available to undertake the work.

SANITARY CIRCUMSTANCES OF THE AREA

GENERAL SANITATION

Nature of Visit or Inspection.	No. of Visits
Water Supplies	484
Drainage	32
Offensive Trades	2
Moveable Dwellings	—
Bakehouses	9
Public Conveniences	18
Refuse Collection	11
Refuse Disposal	4
Rats and Mice	857
Miscellaneous Sanitary Visits	71

HOUSING

Nature of Visit or Inspection

Under Public Health Acts

Number of houses inspected	..	..	..	32
Visits paid to above houses	..	..	..	32

Under Housing Acts

Number of houses inspected	..	..	..	—
Visits paid to above houses	..	..	..	—

Overcrowding

Number of houses inspected	..	..	..	4
Visits paid to above houses	..	..	..	4

Verminous Premises

Number of houses inspected	..	..	..	11
Visits paid to above houses	..	..	..	11

Miscellaneous housing visits	24
-------------------------------------	----	----	----	----

INFECTIOUS DISEASES

Inquiries in cases of Infectious Disease	..	..	..	11
Miscellaneous Infectious Disease Visits	..	..	..	5
No. of rooms disinfected	..	..	..	7

MEAT AND FOOD INSPECTION**Inspection of Meat and Meat Shops**

Nature of Visit or Inspection

No. of Slaughterhouses in area	..	..	..	1
No. of visits to above Slaughterhouse	..	..	..	523
No. of visits to butchers	..	..	..	112
No. of visits to Shops and Stalls	..	..	..	71

Food Premises

Eighty-eight food premises have been registered under Section 16 of the Food and Drugs Act, 1955, viz:—

- (a) Premises where the manufacture, or storage and sale of ice-cream is carried out 81
- (b) Premises used for the preparation or manufacture of sausages, or potted, pressed, pickled or preserved food intended for sale 7

Foodstuffs condemned by the Public Health Inspectors at Shops, etc. (excluding the Slaughterhouse):—

Meat Products—331 tins.	15 Baskets Tomatoes.
Vegetable Products—272 tins.	2 lbs Tea.
Fruit Products—561 tins.	71 Packets Cereals.
Fish Products—82 tins.	60 Packets Chipples
Milk Products—63 tins.	40 lbs Cheese.
Chickens—42	

Condemned foodstuffs are disposed of by burial at the local refuse tip.

Ice-Cream

Registration of Premises for the Manufacture and Sale

Three new premises were registered for the storage and sale of ice-cream during the year, bringing the total number of ice-cream retail premises registered to seventy-nine. These premises are all being supplied by the big manufacturers with pre-packed ice-cream. The number of manufacturers in the town remained at two.

The premises of both manufacturers and retailers satisfy the requirements of the Food Hygiene Regulations.

The Food and Drugs Act, 1955

The Food Hygiene (General) Regulations, 1960

The Public Health Inspectors have again made numerous visits to food premises in the town, and on the whole conditions were found to be satisfactory.

There are 109 food premises in the Borough, viz:—

	No. fitted to comply with Reg. 16	No. to which Reg. 19 applies	No. fitted to comply with Reg. 19
Butchers' Shops (10) ..	10	10	10
Grocers' Shops (32) ..	32	26	21
Greengrocers' Shops (14) ..	12	9	9
Bakers' Shops, etc (18) ..	18	18	18
Cafes (19)	19	19	19
Fish & Chip Restaurants (14)	14	14	14
Fishmongers' Shops (2) ..	2	2	2

The Liquid Egg (Pasteurisation) Regulations, 1963.

- | | |
|--|-------|
| (i) No. of egg pasteurisation plants in the district .. | } Nil |
| (ii) No. of samples of liquid egg submitted to the Alpha-Amylase tests and their results | |

Poultry Processing Premises

No. of poultry processing premises in the district Nil

HOUSING

Inspections of dwelling houses during the year

- | | |
|---|----|
| (1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) | 59 |
|---|----|

(b)	Number of inspections, made for the purpose	59
(2)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	2
(3)	Number of dwelling houses (exclusive to those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ..	57

Houses Demolished

In Clearance Areas	..	..	..	..	..	—
Not in Clearance Areas	..	..	..	..	..	—

Unfit Houses Closed

Under Section 17(3) and 26 Housing Act, 1957	..	—
--	----	---

Housing Act, 1957—Part IV— Overcrowding

(a)	(i)	Number of dwellings overcrowded at the end of the year	..	..	..	80
	(ii)	Number of families dwelling therein	..			98
	(iii)	Number of persons dwelling therein	..			195
(b)	(i)	Number of new cases of overcrowding reported during the year	..			3
	(ii)	Number of cases of overcrowding relieved during the year	..	..	..	14

MEAT INSPECTION

The throughput at the Borough Abattoir continues to show an increase and obviously the question of a new modern slaughterhouse becomes a more pressing one.

Meat inspection gave rise to considerable worry for a part of the year although the Slaughterhouse Manager, being a qualified Meat Inspector, assisted in the meat inspection duties. Towards the end of the year however, with the arrival of an Additional Public Health Inspector, the burden was considerably eased, and it is hoped that meat inspection will give no cause for worry in the future.

The following table summarises the amount of carcasses and offal inspected and condemned at the Borough Abattoir during the year:—

**CARCASSES AND OFFAL INSPECTED AND CONDEMNED
IN WHOLE OR IN PART**

	Cattle, including Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	4889*	7590	28053	11452	Nil
Number inspected	4889*	7590	28053	11452	Nil
All Diseases except Tuberculosis and Cysticerci.					
Whole carcasses condemned	9	14	26	3	Nil
Carcasses of which some part or organ was condemned ..	482	14	496	117	Nil
Percentage of the number in- spected affected with disease other than tuberculosis and cysticerci	10.04%	0.37%	0.18%	1.04%	Nil
Tuberculosis Only					
Whole carcasses condemned	4	Nil	Nil	Nil	Nil
Carcasses of which some part or organ was condemned ..	39	Nil	Nil	9	Nil
Percentage of the number in- spected affected with tubercu- losis	0.88%	Nil	Nil	0.08%	Nil
Cysticercosis.					
Carcasses of which some part or organ was condemned ..	Nil	Nil	Nil	Nil	Nil
Carcasses submitted to treat- ment by refrigeration ..	Nil	Nil	Nil	Nil	Nil
Generalised and totally con- demned	Nil	Nil	Nil	Nil	Nil

*Includes 70 Reactor Cattle from Carmarthenshire and Pembrokeshire

FOOD AND DRUGS ACT AND REGULATIONS

Mr. E. G. Nicholls, Chief Inspector with the County Council, has submitted the following report on work done within the Borough of Carmarthen under the Food and Drugs Act, 1955, and the various Regulations and Orders made thereunder:—

“ Total number of samples submitted to the Public Analyst for analysis	90
Informal samples of milk tested for compos- itional quality by the Food and Drugs Officers	16
Milk samples sent for examination at the Public Health Laboratory, Glangwili ..	43
	<hr/> 149 <hr/>

Milk samples submitted to the Public Analyst

Number of samples submitted	34
Certified genuine in Fat and Non-fatty-solids content ..	27
Deficient in Non-fatty-solids due to natural causes	5
Deficient in Fat	1
Deficient in both Fat and Non-fatty-solids	1

One milk sample was reported to be 22% deficient in fat. The ‘Appeal to Cow’ sample of milk taken afterwards at the farm, after the cows had been milked under the supervision of the sampling officer, was also 30% deficient in fat, indicating that the deficiency in the former milk sample was not due to any abstraction of the fat but was due to natural causes.

The above 34 milk samples were also tested by the Public Analyst for the presence of antibiotics. Traces of penicillin were found in one sample. The milk-producer concerned was warned. The remaining 33 samples were free from any traces of antibiotics.

Informal samples of Milk taken at Schools and other establishments and tested at this office by the Food and Drugs Officers.

Sixteen milk samples were tested. One sample was found to be slightly deficient in Non-fatty-solids. The remaining fifteen samples were genuine in both fat and non-fatty-solids.

Miscellaneous articles of Food and Drugs

Number of samples submitted to the Public Analyst	56
Certified to be genuine	50
Certified to be unsatisfactory	6

Particulars of the Unsatisfactory Samples

<i>Description</i>	<i>Nature of deficiency or irregularity</i>
Rice Milk Pudding ..	Original milk used 4% deficient in Fat.
Corned Beef	Dark patch on the meat due to interaction with the can.
Sliced White Bread	Unwholesome on account of the presence of portions of dough which had escaped normal heat treatment.
Butter	It had an off flavour and odour and the Water content (16.1%) was slightly in excess of the permitted maximum of 16.0%.
Orange Drink	The Saccharin content was 84 grains per 10 gals. whereas the maximum permitted is 56 grains per 10 gals.
Fruit Sauce	Unfit for human consumption as it contained 100 parts per million of hydrocarbons—similar to paraffin or turpentine substitute.

The Fruit Sauce was submitted to the Public Analyst after receiving a complaint in respect of it from the purchaser. In view of the difficulty of ascertaining with any degree of certainty at what state the contamination had occurred, it was decided not to take legal action but to warn the manufacturers.

After carrying out investigations, warnings were also issued to the suppliers or manufacturers of the other five samples certified to be unsatisfactory.

Milk samples submitted to the Public Health Laboratory, Glangwili.

Pasteurised Milk:

Satisfied the prescribed tests for adequacy of heat-treatment and bacteriological quality	22
Failed to satisfy the prescribed tests	1
	<hr/>
	23
	<hr/>

Untreated Milk:

Satisfied the prescribed tests for bacteriological quality	7
Failed to satisfy the prescribed test	1
	<hr/>
	8
	<hr/>

Sterilised Milk

The four samples taken satisfied the prescribed test.

Milk samples examined for Brucella Abortus

Eight samples of Untreated Milk were submitted for examination for Brucella Abortus at the Public Health Laboratory. The reports received indicated that Brucella Abortus was not isolated in any of them.

AMOUNT OF SHIPPING ENTERING THE PORT SANITARY DISTRICT DURING THE YEAR 1966

There is nothing to report under any of the headings.

Administration of the Factories Acts, 1937 to 1961

Duties of the Sanitary Authority under the Factories Acts have been carried out by the Public Health Inspectors as part of their routine work, and a close liaison has been maintained, with the District Inspector of Factories.

PART 1. OF THE ACT.

1. Inspections for purposes of provisions as to health (including inspections made by the Public Health Inspectors).

Premises	Number on Register.	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	37	14	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	103	37	Nil	Nil
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	Nil	Nil	Nil	Nil
Total	140	51	Nil	Nil

2. Cases in which defects were found.

Particulars.	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted.
	Found.	Remedied	Referred.		
			To H.M. Inspector.	By H.M. Inspector.	
Want of cleanliness (S.1.)	3	3	Nil	Nil	Nil
Overcrowding (S.2.)	Nil	Nil	Nil	Nil	Nil
Unreasonable temperature (S.3.)	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation (S.4.)	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors (S.6.)	Nil	Nil	Nil	Nil	Nil
Sanitary Conveniences (S.7.)					
(a) Insufficient	2	2	Nil	Nil	Nil
(b) Unsuitable or defective	Nil	Nil	Nil	Nil	Nil
(c) Not separate for sexes	Nil	Nil	Nil	Nil	Nil
Other offences against the Act (not including offences relating to Outwork)	Nil	Nil	Nil	Nil	Nil
Total	5	5	Nil	Nil	Nil

PART VIII OF THE ACT—OUTWORK
(Sections 133 and 134)

The return required under Part VIII of the Act is “Nil”

